No. 9200113

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Western Plant Breeders, Inc.

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED NOVEL VARIETY OF SEXUALLY REPRODUCED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF eighteen YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, IMPORTING IT, OR EXPORTING IT, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. UNITED STATES SEED OF THIS VARIETY (1) SHALL BE SOLD BY VARIETY NAME ONLY AS OF CERTIFIED SEED AND (2) SHALL CONFORM TO THE NUMBER OF GENERATIONS BY THE OWNER OF THE RIGHTS. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

BARLEY

'WestBred Medallion'

In Testimony Whereof, *I have hereunto set my hand and caused the seal of the* Plant Variety Protection Office *to be affixed at the City of* Washington, D.C. *this* 29th *day of* July *in the year of our Lord one thousand nine hundred and* ninety-four.

Attest:

Kenneth A. Evans
Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

Mike Espy
Secretary of Agriculture

FORM APPROVED: OMB 0581-0055, Expires 1/31/91

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

(Instructions on reverse)

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

1. NAME OF APPLICANT(S) *(as it is to appear on the Certificate)*
Western Plant Breeders, Inc.

2. TEMPORARY DESIGNATION OR EXPERIMENTAL NO.
BFP-78-77

3. VARIETY NAME
WestBred Medallion

4. ADDRESS *(street and no. or R.F.D. no., city, state, and ZIP)*
8111 Timberline Drive
Bozeman, MT 59715

5. PHONE *(Include area code)*
(406)587-1218

FOR OFFICIAL USE ONLY

PVPO NUMBER
9200113

FILING
Date: March 5, 1992
Time: ☐ A.M ☐ P.M

FEES RECEIVED
Filing and Examination Fee: $ 2150.
Date: Mar. 5, 1992
Certificate Fee: $ 250.00
Date: July 6, 1994

6. GENUS AND SPECIES NAME
Hordeum vulgare

7. FAMILY NAME *(Botanical)*
Gramineae

8. CROP KIND NAME *(Common Name)*
Barley

9. DATE OF DETERMINATION
Aug. 31, 1986

10. IF THE APPLICANT NAMED IS NOT A "PERSON," GIVE FORM OF ORGANIZATION *(Corporation, partnership, association, etc.)*
Corporation

11. IF INCORPORATED, GIVE STATE OF INCORPORATION
Arizona

12. DATE OF INCORPORATION
Aug. 24, 1990

13. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS
Dr. Dale R. Clark or Craig Cook
8111 Timberline Drive
Bozeman, MT 59715
PHONE *(Include area code)*: (406) 587-1218

14. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED *(Follow INSTRUCTIONS on reverse)*

- a ☒ Exhibit A, Origin and Breeding History of the Variety.
- b. ☒ Exhibit B, Novelty Statement.
- c. ☒ Exhibit C, Objective Description of Variety
- d ☐ Exhibit D, Additional Description of Variety
- e ☒ Exhibit E, Statement of the Basis of Applicant's Ownership.
- f ☒ Seed Sample (2,500 viable untreated seeds) Date Seed Sample mailed to Plant Variety Protection Office March 5, 1992
- g ☒ Filing and Examination Fee ($2,150) made payable to "Treasurer of the United States."

15. DOES THE APPLICANT(S) SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED? *(See section 83(a) of the Plant Variety Protection Act.)*
☒ YES *(If "YES," answer items 16 and 17 below)* ☐ NO *(If "NO," skip to item 18 below)*

16. DOES THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS?
☐ YES ☒ NO

17. IF "YES" TO ITEM 16, WHICH CLASSES OF PRODUCTION BEYOND BREEDER SEED?
☐ FOUNDATION ☐ REGISTERED ☐ CERTIFIED

18. DID THE APPLICANT(S) PREVIOUSLY FILE FOR PROTECTION OF THE VARIETY IN THE U.S.?
☐ YES *(If "YES," through* ☐ Plant Variety Protection Act ☐ Patent Act Give date _____ .)
☒ NO

19. HAS THE VARIETY BEEN RELEASED, USED, OFFERED FOR SALE, OR MARKETED IN THE U.S. OR OTHER COUNTRIES?
☐ YES (If "YES," give names of countries and dates)
☒ NO

20. The applicant(s) declare(s) that a viable sample of basic seeds of this variety will be furnished with the application and will be replenished upon request in accordance with such regulations as may be applicable.

The undersigned applicant(s) is (are) the owner(s) of this sexually reproduced novel plant variety, and believe(s) that the variety is distinct, uniform, and stable as required in section 41, and is entitled to protection under the provisions of section 42 of the Plant Variety Protection Act.

Applicant(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.

SIGNATURE OF APPLICANT *(Owner(s))*	CAPACITY OR TITLE	DATE
Dale R. Clark	Barley Breeder	March 4, 1992
SIGNATURE OF APPLICANT *(Owner(s))*	CAPACITY OR TITLE	DATE
Craig R. Cook	Asst. Breeder	March 4, 1992

W E S T B R E D M E D A L L I O N

14a. Origin and Breeding History

WestBred Medallion is a six-rowed, semi-dwarf, spring barley that was developed from the cross of Western Plant Breeders' variety "Gus" with a line designated "399". The line "399" was selected from the short strawed, six-rowed, male sterile population CCXXXII-76.

WestBred Medallion was selected as a single F2 plant at WPB's nursery near Phoenix, AZ in the spring of 1977. Seed from the F2 plant was planted to produce an F3 row near Conrad, MT in May of 1977. A single F3 plant was selected from the F3 row and seed from this plant was used to plant an F4 plot near Phoenix, AZ in the fall of 1977. Twenty spikes from the F4 plot were selected in the spring of 1978, designated the experimental number BFP-78-77, and planted near Conrad, MT in the spring of 1978. Seed from uniform F5 rows was bulked and put into yield tests in Arizona and California in 1979. Successive generations of BFP-78-77 were grown in Arizona and California in 1980 and 1981, and in Montana, Idaho, Washington, Oregon, and Northern California from 1982 through 1988. Approximately 100 spikes were selected from the F12 bulk in 1986 and planted as head rows near Bozeman, MT in the spring of 1987. Uniform head rows were harvested individually and seed from each row was used to plant a family of eight plots near Phoenix, AZ in the fall of 1987. Uniform plots were harvested and bulked to produce Breeders seed. The Breeders seed was harvested the first week of May, 1988. This seed was used to plant 5 acres near Bozeman, MT in May of 1988. The resulting production was harvested as Foundation seed and designated "WestBred Medallion". Registered seed was produced in 1989 and Certified seed was produced in 1990. Certified seed of WestBred Medallion was first offered to growers in April of 1991.

WestBred Medallion is a stable and uniform variety in agronomic appearance and performance across several generations and growing conditions. Agronomic data to support this stability are presented in Tables 1 through 4.

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W E S T B R E D M E D A L L I O N

14b. Novelty statement

WestBred Medallion (experimental # BFP-78-77) is a semi-dwarf six-rowed, spring barley that is most similar to the variety Gus. Howerer, WestBred Medallion is 2 to 3 inches taller than Gus (Table 2. T-value = 3.98 with 7 d.f., $p < .01$) and the heading date of WestBred Medallion is approximately 3 days later than Gus (Table 3. T-value = 8.02 with 2 d.f., $p < .02$; and Table 4. T-value = 5.47 with 4 d.f., $p < .01$)..

The above comparisons along with the complete objective description (14c.) show WestBred Medallion to be a novel variety of spring barley.

14e. Statement of ownership

Western Plant Breeders, Inc. is the employer of the breeders and rightfully therefore the owner of "WestBred Medallion".

WestBred Medallion

FORM GR-470-5 (11-1-72)

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
GRAIN DIVISION
HYATTSVILLE, MARYLAND 20782

FORM APPROVED. OMB NO. 40-R3712

EXHIBIT C (Barley)

OBJECTIVE DESCRIPTION OF VARIETY
BARLEY (*HORDEUM VULGARE*)

INSTRUCTIONS: See Reverse.

NAME OF APPLICANT(S)

Western Plant Breeders

ADDRESS (Street and No. or R.F.D. No., City, State, and ZIP Code)

8111 Timberline Drive Bozeman, MT 59715

FOR OFFICIAL USE ONLY

PVPO NUMBER 9200113

VARIETY NAME OR TEMPORARY DESIGNATION

WestBred Medallion

Place the appropriate number that describes the varietal character of this variety in the boxes below.
Place a zero in first box (i.e. [0][8][9] or [0][9]) when number is either 99 or less or 9 or less.

1. GROWTH HABIT:

[1] 1 = SPRING 2 = FACULTATIVE WINTER 3 = WINTER [2] Early Growth: 1 = PROSTRATE 2 = SEMIPROSTRATE 3 = ERECT

2. MATURITY (50% Flowering):

[3] 1 = EARLY (California Mariout) 2 = MIDSEASON (Betzes) 3 = LATE (Frontier)

[3] No. of days *Earlier* than ..... [1]
[13] No. of days *Later* than ..... [2]
1 = BETZES 2 = CALIFORNIA MARIOUT 3 = CONQUEST 4 = DICKSON 5 = PIROLINE 6 = PRIMUS 7 = UNITAN

3, PLANT HEIGHT (From soil level to top of head):

[1] 1 = SEMIDWARF 2 = SHORT (California Mariout) 3 = MEDIUM TALL (Betzes) 4 = TALL (Conquest)

[0][0] Cm. *Shorter* than ..... [2]
[0][0] Cm. *Taller* than ..... [x]
1 = BETZES 2 = CALIFORNIA MARIOUT 3 = CONQUEST 4 = DICKSON 5 = PIROLINE 6 = PRIMUS 7 = UNITAN
x-none that are listed.

4. STEM:

[2] Exertion *(Flag to spike at maturity)*: 1 = 0 - 3 cm. 2 = 3 - 10 cm. 3 = 10 - 15 cm. [2] Anthocyanin: 1 = ABSENT 2 = PRESENT

[0][6] NO. OF NODES (Originating from node above ground)

[2] Collar Shape: 1 = CLOSED 2 = V-SHAPED 3 = OPEN 4 = MODIFIED CLOSED OR OPEN [1] Shape of Neck: 1 = STRAIGHT 2 = SNAKY 3 = OTHER (Specify) _____

5. LEAF:

[1] Basal leaf sheath *(seedling)*: 1 = GLABROUS 2 = PUBESCENT [2] Position of flag leaf *(at boot stage)*: 1 = DROOPING 2 = UPRIGHT

[2] Waxiness: 1 = ABSENT (Glossy) 2 = SLIGHTLY WAXY 3 = WAXY [2][1] MM. WIDTH (First leaf below flag leaf)

[2][6] CM. LENGTH (First leaf below flag leaf) [2] Anthocyanin in leaf sheath: 1 = ABSENT 2 = PRESENT

6. HEAD:

[2] Type: 1 = TWO-ROWED 2 = SIX-ROWED [2] Density: 1 = LAX 2 = ERECT (Not dense) 3 = ERECT (Dense)

[2] Shape: 1 = TAPERING 2 = STRAP 3 = CLAVATE 4 = OTHER (Specify) _____ [1] Waxiness: 1 = ABSENT (Glossy) 2 = SLIGHTLY WAXY 3 = WAXY

[2] Lateral Kernels Overlap: 1 = NONE 2 = AT TIP 3 = 1/4 - 1/2 OF HEAD [3] Rachis *(Hair on edge)*: 1 = LACKING 2 = FEW 3 = COVERED

7. GLUME:

[2] Length: 1 = 1/3 OF LEMMA 2 = 1/2 OF LEMMA 3 = MORE THAN 1/2 OF LEMMA [2] Hairs: 1 = NONE 2 = SHORT 3 = LONG

[4] Hair covering: 1 = NONE 2 = RESTRICTED TO MIDDLE 3 = CONFINED TO BAND 4 = COMPLETELY COVERED

[2] Awns: 1 = LESS THAN EQUAL TO LENGTH OF GLUMES 2 = EQUAL TO LENGTH OF GLUMES 3 = MORE THAN EQUAL TO LENGTH OF GLUMES

[3] Awn Surface: 1 = SMOOTH 2 = SEMISMOOTH 3 = ROUGH

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WestBred Medallion 9200113

FORM GR-470-5 (Reverse)

8. LEMMA:

[5] Awn: 1 = AWNLESS 2 = AWNLETS ON CENTRAL ROWS, AWNLESS ON LATERAL ROWS 3 = SHORT ON CENTRAL ROWS, AWNLETS ON LATERAL ROWS 4 = SHORT (less than equal to length of spike) 5 = LONG (longer than spike) 6 = HOODED

[2] Awn Surface: 0 = AWNLESS 1 = SMOOTH 2 = SEMISMOOTH 3 = ROUGH

[2] Teeth: 1 = ABSENT 2 = FEW 3 = NUMEROUS

[1] Hair: 1 = ABSENT 2 = PRESENT

[1] Shape of base: 1 = DEPRESSION 2 = SLIGHT CREASE 3 = TRANSVERSE CREASE

[2] Rachilla Hairs: 1 = SHORT 2 = LONG

9. STIGMA:

[2] Hairs: 1 = FEW 2 = MANY

10. SEED:

[2] Type: 1 = NAKED 2 = COVERED

[1] Hairs on Ventral Furrow: 1 = ABSENT 2 = PRESENT

[3] Length: 1 = SHORT (8.0 mm.) 2 = SHORT TO MIDLONG (7.5 - 9.0 mm.) 3 = MIDLONG (8.5 - 9.5 mm.) 4 = MIDLONG TO LONG (9.0 - 10.5 mm.) 5 = LONG (10.0 mm.)

[4] Wrinkling of hull: 1 = NAKED 2 = SLIGHTLY WRINKLED 3 = SEMIWRINKLED 4 = WRINKLED

[2] Aleurone Color: 1 = COLORLESS (White or Yellow) 2 = BLUE

[0][1] PERCENT ABORTIVE

[4][5] GMS. PER 1000 SEEDS

11. DISEASE: (0 = Not Tested, 1 = Susceptible, 2 = Resistant)

[0] SEPTORIA	[2] NET BLOTCH	[0] SPOT BLOTCH	[1] POWDERY MILDEW
[1] LOOSE SMUT	[1] BACTERIAL BLIGHT	[0] COVERED SMUT	[1] FALSE LOOSE SMUT
[0] STEM RUST	[1] LEAF RUST	[0] SCAB	[2] SCALD
[0] AY	[0] BSMV	[2] BYDV	[0] OTHER (Specify)

12. INSECT: (0 = Not tested, 1 = Susceptible 2 = Resistant)

[0] GREEN BUG	[1] ENGLISH GRAIN APHID	[0] CHINCH BUG	[0] ARMYWORM
[0] GRASS HOPPERS	[0] CERIAL LEAF BETTLE	[0] OTHER (Specify) _____	

HESSIAN FLY RACES: [0] GP [0] A [0] B [0] C [0] D [0] E [0] F [0] G

13. CHEMICAL (0 = Not Tested, 1 = Susceptible, 2 = Resistant)

[0] DDT [0] OTHER (Specify) _____

14. INDICATE WHICH VARIETY MOST CLOSELY RESEMBLES THAT SUBMITTED:

CHARACTER	NAME OF VARIETY	CHARACTER	NAME OF VARIETY
Plant tillering	Gus	Seed size	Gus
Leaf size	Gus	Coleoptile elongation	Gus
Leaf color	Gus	Seedling pigmentation	Gus
Leaf carriage	Gus		

REFERENCES: The following publications may be used as a reference aid for the standardization of character descriptions and terms used in this form:

1. Wiebe, G. A., and D. A. Reid, 1961, Classification of Barley Varieties Grown in the United States and Canada in 1958, Technical Bulletin No. 1224, U.S. Dept. of Agriculture.
2. Reid, D. A., and G. A. Wiebe, 1968, Barley: Origin, Botany, Culture, Winter Hardiness, Genetics, Utilization, Pests, Agriculture Handbook No. 338, U.S. Dept. of Agriculture. pp. 61 - 84.
3. Malting Barley Improvement Association, Milwaukee, Wisconsin, 1971, Barley Variety Dictionary.

COLOR: Nickerson's or any recognized color fan may be used to determine color of the described variety.

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W E S T B R E D M E D A L L I O N

Table 2. Plant height in inches of WestBred Medallion and currenty grown cultivars in Western Plant Breeders' yield trials.

Year	Location	WestBred Medallion	Gus	WestBred Gustoe	WestBred 501	Steptoe
1985	Bozeman, MT	27	24	24	24	30
	Steptoe, WA	29	28	22	27	34
	Yakima, WA	28	27	26	27	34
1986	Bozeman, MT	28	25	23	24	31
	Burley, ID	30	24	23	25	32
	Moses Lake, WA	24	22	19	21	27
	Yakima, WA	30	29	28	29	37
	Steptoe, WA	26	24	18		30
1987	Bozeman, MT	26		21	23	32
	Burley, ID	28		24	25	38
	Blackfoot, ID	31		23	25	30
1988	Bozeman, MT	26		20	17	26
	Burley, ID	28		22	24	35
	Blackfoot, ID	28		24	23	29
	Moses Lake, WA	28		27	26	31
	14 location mean	27.9		23.3	24.3	31.9
	8 location mean	27.8	25.3	22.8	-	31.9

T-test comparing 'WestBred Medallion' vs 'Gus'.

T-value = 3.98 with 7 d.f.
P-value = p < .01

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W E S T B R E D M E D A L L I O N

Table 3. Heading date of WestBred Medallion and currenty grown cultivars in Western Plant Breeders' yield trials.

Year	Location	WestBred Medallion	Gus	WestBred Gustoe	WestBred 501	Steptoe
1983	Bozeman, MT	7/09	7/06	7/10	7/05	7/02
1984	Bozeman, MT	7/14	7/12	7/14	7/12	7/09
1985	Bozeman, MT	7/08	7/05	7/07	7/05	6/30
1987	Bozeman, MT	7/04	-	7/05	7/02	6/29
1988	Bozeman, MT	7/05	-	7/05	7/03	6/30

T-test comparing 'WestBred Medallion' vs 'Gus'

T-value = 8.02 with 2 d.f.
P-value = p < .02

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W E S T B R E D M E D A L L I O N

Table 4. Heading dates of WestBred Medallion and Gus barley grown in Montana State University trials in 1981.

Location	WestBred Medallion	Gus
Sidney, MT (irr.)	6/15	6/12
Kalispell, MT (irr.)	6/27	6/24
Huntley, MT (irr.)	6/10	6/05
Bozeman, MT (irr.)	7/03	7/01
Bozeman, MT (dry.)	7/10	7/08
Average	6/25	6/22

T-test comparing 'WestBred Medallion' vs 'Gus'.

T-value = 5.47 with 4 d.f.
P-value = p < .01

W E S T B R E D M E D A L L I O N

Table 1. Yields in pounds per acre of WestBred Medallion and currenty grown cultivars in Western Plant Breeders' yield trials.

Year	Location	WestBred Medallion	Gus	WestBred Gustoe	WestBred 501	Steptoe
1985	Bozeman, MT	7830	6786	7134	6264	7656
	Burley, ID	5452	5568	5104	5510	5916
	Yakima, WA	7680	7475	7680	7168	7219
	mean	6987	6610	6639	6314	6930
1986	Bozeman, MT	8178	7366	7366	7134	8294
	Burley, ID	7020	6588	6804	6426	7668
	Moses Lake, WA	7830	5958	6960	5452	8178
	Yakima, WA	6534	5940	5616	6156	6534
	mean	7391	6463	6687	6292	7669
1987	Bozeman, MT	7418		6640	6164	7643
	Burley, ID	7043		7630	6735	6939
	Blackfoot, ID	7113		7793	7058	6596
	mean	7191		7354	6652	7059
1988 Adv.	Bozeman, MT	5998		4950	4556	5508
	Burley, ID	7134		7018	6859	7598
	Blackfoot, ID	5869		5651	5554	5324
	Moses Lake, WA	8038		7821	7424	8090
	mean	6760		6360	6098	6630
1988 PE	Bozeman, MT	6048		4752	4806	5481
	Burley, ID	6723		6588	5994	7155
	Blackfoot, ID	8663		5481	5165	5821
	Moses Lake, WA	8756		8140	7245	7885
	mean	7548		6240	5803	6586
	4 year average	7175		6656	6232	6975

WESTBRED MEDALLION

Table 2. Plant height in inches of WestBred Medallion and currenty grown cultivars in Western Plant Breeders' yield trials.

Year	Location	WestBred Medallion	Gus	WestBred Gustoe	WestBred 501	Steptoe
1985	Bozeman, MT	27	24	24	24	30
	Steptoe, WA	29	28	22	27	34
	Yakima, WA	28	27	26	27	34
1986	Bozeman, MT	28	25	23	24	31
	Burley, ID	30	24	23	25	32
	Moses Lake, WA	24	22	19	21	27
	Yakima, WA	30	29	28	29	37
	Steptoe, WA	26	24	18		30
1987	Bozeman, MT	26		21	23	32
	Burley, ID	28		24	25	38
	Blackfoot, ID	31		23	25	30
1988	Bozeman, MT	26		20	17	26
	Burley, ID	28		22	24	35
	Blackfoot, ID	28		24	23	29
	Moses Lake, WA	28		27	26	31
	14 location mean	27.9		23.3	24.3	31.9
	8 location mean	27.8	25.3	22.8	-	31.9

Table 3. Heading date of WestBred Medallion and currenty grown cultivars in Western Plant Breeders' yield trials.

Year	Location	WestBred Medallion	Gus	WestBred Gustoe	WestBred 501	Steptoe
1983	Bozeman, MT	7/09	7/06	7/10	7/05	7/02
1984	Bozeman, MT	7/14	7/12	7/14	7/12	7/09
1985	Bozeman, MT	7/08	7/05	7/07	7/05	6/30
1987	Bozeman, MT	7/04	-	7/05	7/02	6/29
1988	Bozeman, MT	7/05	-	7/05	7/03	6/30

//

WESTBRED MEDALLION

Table 4. Heading dates of WestBred Medallion and Gus barley grown in Montana State University trials in 1981.

Location	WestBred Medallion	Gus
Sidney, MT (irr.)	6/15	6/12
Kalispell, MT (irr.)	6/27	6/24
Huntley, MT (irr.)	6/10	6/05
Bozeman, MT (irr.)	7/03	7/01
Bozeman, MT (dry.)	7/10	7/08
Average	6/25	6/22

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